



Makita ***Circular Saw***

260 mm (10-1/4") MODEL 5201N-A
Equipped with Electric Blade Brake

アメリカ

INSTRUCTION MANUAL



SPECIFICATIONS

Blade diameter	Max. cutting capacities		No load speed	Overall length	Net weight
	at 90°	at 45°			
260 mm (10-1/4")	97 mm (3-3/4")	64 mm (2-1/2")	3,700 R/min.	445 mm (17-1/2")	8.3 kg (18.3 lbs)

- * Manufacturer reserves the right to change specifications of parts and accessories without notice.
- Note: Specifications of parts and accessories may differ from country to country.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS.

- 1. KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
- 2. CONSIDER WORK AREA ENVIRONMENT.** Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use tool in presence of flammable liquids or gases.
- 3. KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Don't let visitors contact tool or extension cord.
- 4. STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.
- 5. DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
- 6. USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended.
- 7. DRESS PROPERLY.** Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- 8. USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty.
- 9. DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- 10. SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
- 11. DON'T OVERREACH.** Keep proper footing and balance at all times.
- 12. MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- 13. DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
- 14. REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- 15. AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is OFF when plugging in.
- 16. OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
- 17. STAY ALERT.** Watch what you are doing, use common sense. Don't operate tool when you are tired.

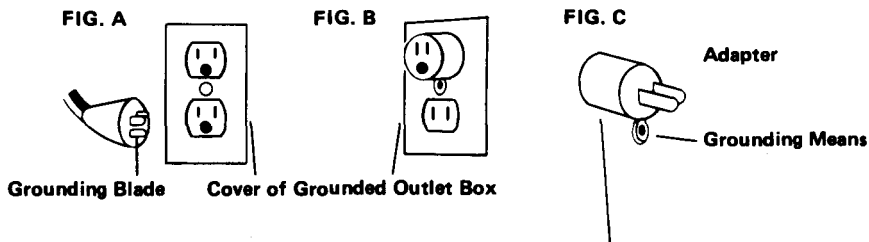
18. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Don't use tool if switch does not turn it on and off.
19. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
20. **PROPER GROUNDING.** This tool should be grounded while in use to protect the operator from electric shock.
21. **EXTENSION CORDS:** Use only three-wire extension cords which have three-prong grounding-type plugs and three-pole receptacles which accept the tool's plug. Replace or repair damaged or worn cord immediately.

VOLTAGE WARNING: Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in **SERIOUS INJURY** to the user — as well as damage to the tool. If in doubt, **DO NOT PLUG IN THE TOOL**. Using a power source with voltage less than the nameplate rating is harmful to the motor.

For all grounded tools with American type plug.

GROUNDING INSTRUCTIONS: This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding-type plug to fit the proper grounding-type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. Your unit is for use on 115 volts, it has a plug that looks like Fig. "A".

An adapter, Fig. "B" and "C" is available for connecting Fig. "A" plugs to two-prong receptacles, (see Note). The green-colored rigid ear, lug, etc., extending from the adapter must be connected to a permanent ground such as to properly grounded outlet box.



NOTE: THE GROUNDING ADAPTER IS PROHIBITED IN CANADA PER CANADIAN ELECTRICAL CODE—PART 1. THEREFORE, THE INSTRUCTIONS FOR ITS USE ARE NOT APPLICABLE IN CANADA.

Use Of Extension Cord

If the extension cord is intended to be used outdoors, the cord shall be marked with the suffix W-A following the cord type designation, for example – SJTW-A, to indicate it is acceptable for outdoor use. Use an extension cord heavy enough to carry the current the tool will draw. Undersize cord will cause a drop in line voltage resulting in loss of power and over-heating. Make sure the extension cord is in good condition before using. Use the table below to determine the proper wire size required in the extension cord.

Ampere rating (on nameplate)	0 – 2.00	2.10 – 3.40	3.50 – 5.00	5.10 – 7.00	7.10 – 12.00	12.10 – 16.00
Ext. Cable Length	Wire Size (American Wire Gauge)					
25 Ft.	18	18	18	18	16	14
50 Ft.	18	18	18	16	14	12
75 Ft.	18	18	16	14	12	10
100 Ft.	18	16	14	12	10	–
150 Ft.	16	14	12	12	–	–

ADDITIONAL SAFETY RULES FOR CIRCULAR SAW

1. Keep Guards In Place and In Working Order.

Never wedge or tie lower guard open. Check operation of lower guard before each use. Don't use if lower guard does not close briskly over saw blade. **CAUTION:** If saw is dropped, lower guard may be bent, restricting full return.

2. Keep Blades Clean and Sharp.

Sharp blades minimize stalling and kickback.

3. DANGER: Keep Hands Away From Cutting Area.

Keep hands away from blades. Don't reach underneath work while blade is rotating. Don't attempt to remove cut material when blade is moving. **CAUTION:** Blades coast after turn off.

4. Support Large Panels

When cutting operation requires the resting of the saw on the work piece, the saw shall be rested on the larger portion and the smaller piece cut off.

5. Use Rip Fence.

Always use a fence or straight edge guide when ripping.

6. Guard Against Kickback.

Kickback occurs when the saw stalls rapidly and is driven back towards the operator. Release switch immediately if blade binds or saw stalls. Keep blades sharp. Support large panels. Use fence or straight edge guide when ripping. Don't force tool. Stay alert exercise control. Don't remove saw from work during a cut while the blade is moving.

7. Lower Guard. Raise lowerguard with the retracting handle.

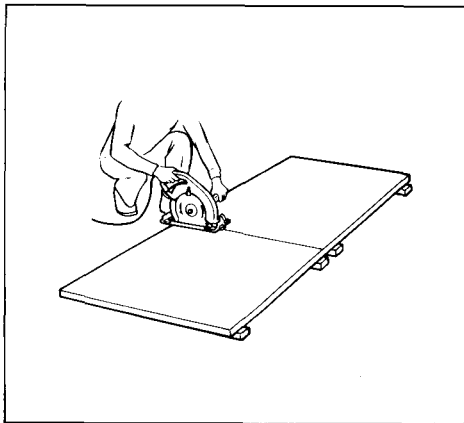
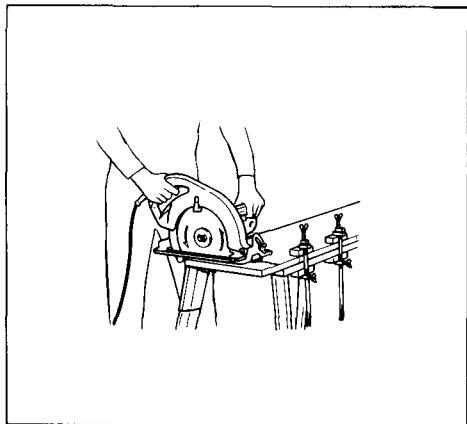
8. Adjustments. Before cutting be sure depth and bevel adjustments are tight.

9. Use Only Correct Blades In Mounting. Don't use blades with incorrect size holes.

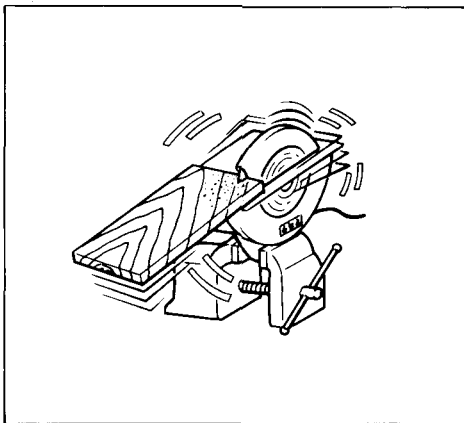
Never use defective or incorrect blade washers or bolts.

10. Avoid Cutting Nails. Inspect for and remove all nails from lumber before cutting.

11. When operating the saw, keep the cord away from the cutting area and position it so that it will not be caught on the work piece during the cutting operation. Operate with proper hand support, proper work support, and supply cord routing away from the work area. Large panels must be supported as shown below.



12. Never attempt to saw with the circular saw held upside down in a vise. This can lead to serious accidents, because it is extremely dangerous.



13. Before setting the tool down after completing a cut, be sure that the lower (telescoping) guard has closed and the blade has come to a complete stop.

SAVE THESE INSTRUCTIONS.

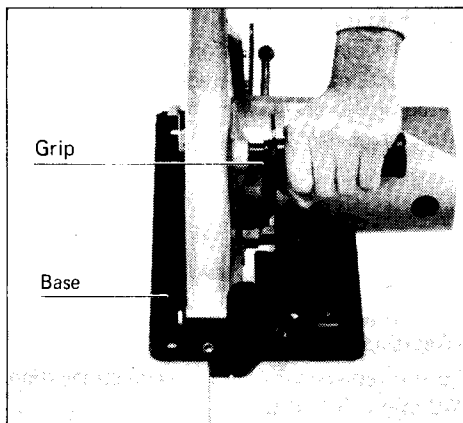
HOW TO USE

CAUTION:

Never wear gloves when operating or adjusting the saw.

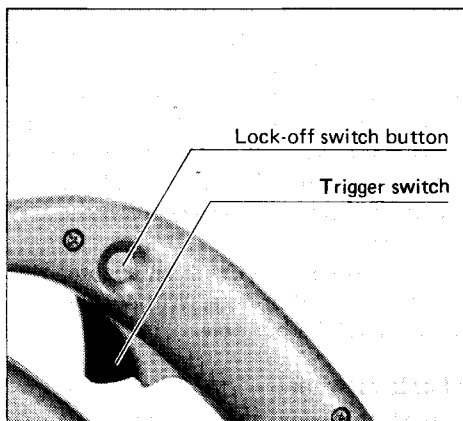
• When sawing

Grasp the rear handle with your right hand, the front grip with your left. Set the base plate on the wood to be cut without the blade making any contact. Then switch the saw on. Now simply move the saw forward over the wood surface, keeping it flat and advancing smoothly until the sawing is completed. To get clean cuts, keep your sawing line straight and your speed of advance uniform.



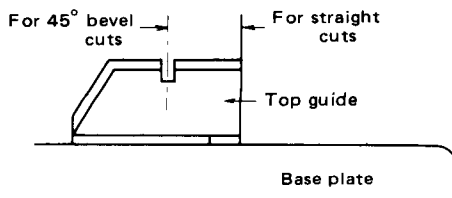
• Switch action

There is a lock-off switch button on the handle. To start the tool, first depress the lock-off switch button and then pull the trigger. Release the trigger to stop. The trigger will not work before the lock-off switch button is depressed.



• For the cutting position

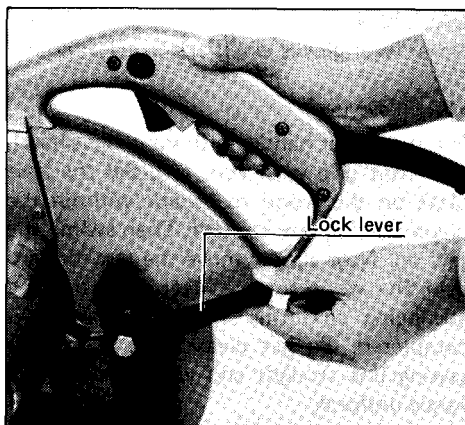
Use the right edge of the top guide for straight cuts. The small notch on the top guide is for bevel cuts.



• Adjusting cutting depth

By raising the lock lever and loosening the screw holding the guide plate, the base may be moved up or down.

Thus the blade protrusion, or depth of the saw blade, can be adjusted. When it is completed, lower and fasten the lock lever back into place.



• Replacing saw blade

Do not replace with a saw blade larger than 260 mm (10-1/4").

Two wrenches are provided. Use the larger one (22) to grip the flange hard and the smaller one (13) to loosen the bolt in the direction of the saw revolution. Remove blade. (See arrows in photo at right).

When installing the new blade, keep the blade markings on the outside; tighten the bolt to the right. For safety's sake during the entire operation, always have the tool unplugged.

The tool is equipped with an adapter ring (16) for a 1" arbor hole. Without the ring, there is a 5/8" arbor hole.



• For bevel work

Loosen the wing nuts on the bevel scale plate on the front of the base. Set for desired angle (0 – 45°) by tilting accordingly, then retighten the wing nuts firmly.



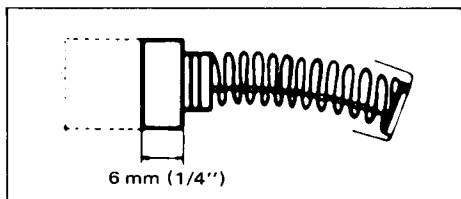
MAINTENANCE

CAUTION:

Always be sure that the tool is switched off and unplugged before attempting to perform inspection and maintenance.

• Replacing carbon brushes

Replace carbon brushes when they wear down to about 6 mm (1/4") or sparking will occur. Both brushes should be changed at the same time. Use only Makita-recommended carbon brushes.



ACCESSORIES

CAUTION: The accessories specified in this manual are recommended for use with your Makita Circular Saw. The use of any other accessories might be hazardous.

• Saw Blades

Cross-cut saw blade

For smoother cross-grain cuts. Make smoother cuts than combination blade.



NO.	Diameter (mm)	Hole diameter (mm)	No. teeth	Part No.
260-2	260 (10-1/4")	25 (31/32")	80	792084-9

Chisel tooth combination saw blade

For rip and cross-cut work. Most frequently used for general carpentry.



NO.	Diameter (mm)	Hole diameter (mm)	No. teeth	Part No.
260-7	260 (10-1/4")	25 (31/32")	36	792087-3

Carbide-tipped saw blade

Faster, smoother, longer sawing without blade sharpening. Cuts wood.



NO.	Diameter (mm)	Hole diameter (mm)	No. teeth	Part No.
255-11D	255 (10")	15.88 (5/8")	50	792200-3

• Guide Rule

Part No. 164019-4



• Wrench 13

Part No. 781203-2



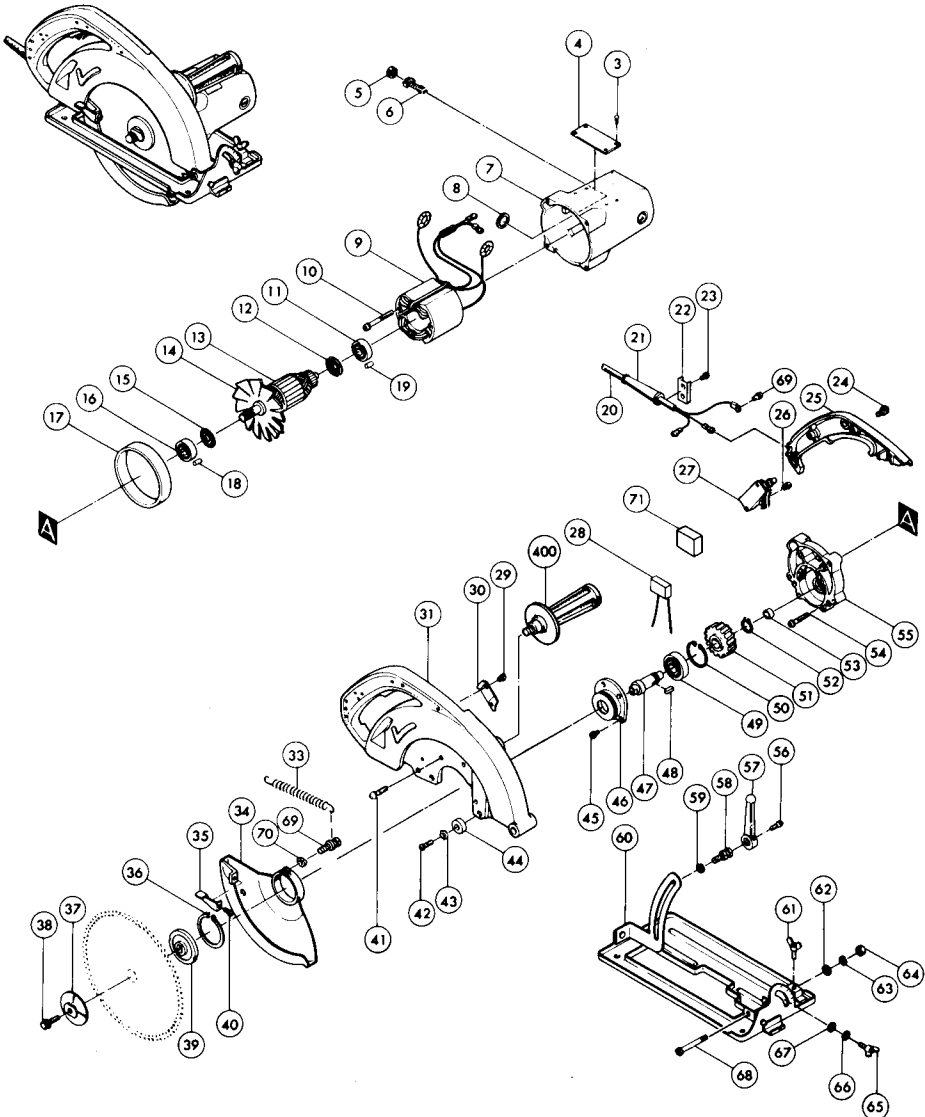
• Wrench 22

Part No. 781011-1




Makita

260 mm (10-1/4") CIRCULAR SAW Model 5201N-A



Note: The switch, noise suppressor and other part configurations may differ from country to country.

ITEM NO.	NO. USED	DESCRIPTION	ITEM NO.	NO. USED	DESCRIPTION
<u>MACHINE</u>			<u>MACHINE</u>		
3	4	Rivet 0-3	37	1	Outer Flange 65
4	1	Name Plate	38	1	H. F. H. Bolt M8x20
5	2	Brush Holder Cap	39	1	Inner Flange 65
6	2	Carbon Brush	40	1	P. H. Screw M5x12 (With Washer)
7	1	Motor Housing (With Brush Holder x 2, S. Screw M5x8 x 2 & Item 19)	41	4	P. H. Screw M5x28 (With Washer)
8	2	Insulation Washer	42	1	C. H. Screw M8x20
9	1	FIELD ASSEMBLY (With Garter Spring x 2)	43	1	Toothed Lock Washer 8
10	2	P. H. Screw M5x65 (With Washer)	44	1	Rubber Ring 8
11	1	Ball Bearing 6202LLB	45	4	C. H. Screw M4x12 (With Washer)
12	1	Dust Seal 10	46	1	Bearing Box
13	1	ARMATURE ASSEMBLY (Assembled Items 11 - 16)	47	1	Spindle
14	1	Fan 106	48	1	Key 4
15	1	Dust Seal 15	49	1	Ball Bearing 6204LLB
16	1	Ball Bearing 6202LLB	50	1	Retaining Ring R-47
17	1	Baffle Plate	51	1	Helical Gear 54
18	1	Rubber Pin 6	52	1	Retaining Ring S-20
19	1	Rubber Pin 4	53	1	Needle Bearing 1210
20	1	CORD ASSEMBLY (Assembled Cord, Plug & Cord Guard)	54	4	P. H. Screw M5x30 (With Washer)
21	1	Cord Guard	55	1	Gear Housing (With Item 18)
22	1	Strain Relief	56	1	P. H. Screw M5x10
23	2	P. H. Screw M4x14 (With Washer)	57	1	Lever 98
24	4	P. H. Screw M4x28 (With Washer)	58	1	H. Bolt M8x20
25	1	Handle Cover	59	1	F. Washer 8
26	2	P. H. Screw M4x8 (With Washer)	60	1	Base
27	1	Switch	61	1	T. Screw M6x15
28	1	Noise Suppressor	62	1	F. Washer 8
29	2	P. H. Screw M4x8 (With Washer)	63	1	S. Washer 8
30	1	Lead Cover	64	1	H. Nut M8
31	1	Blade Case	65	1	T. Screw M6x15
32	2	P. H. Screw M4x6 (With Washer)	66	1	S. Washer 6
33	1	Tension Spring 5	67	1	F. Washer 6
34	1	Safety Cover	68	1	Screw M8
35	1	Lever	69	1	Screw M4
36	1	Retaining Ring S-55	70	1	S. Washer 4
			71	1	Sponge
			400	1	Grip 37
					Ring 16 (Not Illustrated)

Note: The switch, noise suppressor and other part specifications may differ from country to country.

MAKITA LIMITED ONE YEAR WARRANTY

Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others;
- repairs are required because of normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY.

MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.



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